

In the Claims

The following listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1 to 18 (canceled).

Claim 19 (currently amended): The lightweight valve as claimed in claim ~~[[16]]~~ 36 wherein the plurality of reinforcing ribs are three reinforcing ribs arranged at a spacing of 120° from one another.

Claim 20 (canceled).

Claim 21 (currently amended): The lightweight valve as claimed in claim ~~[[16]]~~ 36 wherein the reinforcing ribs are rectilinear strips.

Claim 22 (canceled).

Claim 23 (currently amended): The lightweight valve as claimed in claim ~~[[22]]~~ 36 wherein the height of the reinforcing ribs rises linearly from a radially external end in the direction of the center of the valve disk.

Claim 24 (currently amended): The lightweight valve as claimed in claim ~~[[22]]~~ 36 wherein a linearly rising first portion of the reinforcing ribs is adjoined by a second reinforcing rib portion of constant height.

Claim 25 (currently amended): The lightweight valve as claimed in claim ~~[[22]]~~ 36 wherein a linearly rising first portion of the reinforcing ribs is adjoined by a second reinforcing rib portion extending so as to complement an inner wall of the hollow valve cone.

Claim 26 (currently amended): The lightweight valve as claimed in claim [[16]] 36 wherein the reinforcing ribs are, in a region of the gripping receiver provided with a cutout reducing a size of the reinforcing rib end faces.

Claim 27 (currently amended): The lightweight valve as claimed in claim [[16]] 36 wherein an upper narrow side of the reinforcing ribs bears against an inner wall of the hollow valve cone at least in sections.

Claim 28 (currently amended): The lightweight valve as claimed in claim [[16]] 36 wherein the reinforcing ribs and the valve cone are interconnected by a material connection.

Claims 29 to 33 (canceled).

Claim 34 (currently amended): The lightweight valve recited in claim [[16]] 36 wherein an end of the end portion of the valve stem contacts a top side of the valve disk.

Claim 35 (currently amended): The lightweight valve recited in claim [[16]] 36 wherein the reinforcing ribs have a narrow side which extends so as to complement an inner wall of the valve cone so that the valve disk and the valve cone are connected with the inner wall bearing against the narrow side of the reinforcing ribs or parts thereof.

Claim 36 (currently amended): ~~The lightweight valve recited in claim 16~~ A lightweight combustion engine valve comprising:

a metallic valve stem including a valve stem end face;
a hollow valve cone having a region of greater diameter; and
a metallic valve disk, the valve cone and the valve disk together forming a hollow space,
the valve disk having a flat side facing the hollow space supporting a gripping receiver, the
gripping receiver gripping an end portion of the valve stem and the valve stem end face resting
against the flat side, the valve disk having a recess defined therein that has an edge region
including an edge step for supporting the valve cone;

wherein the gripping receiver is formed by reinforcing ribs on the valve disk, each of the reinforcing ribs including an end face facing a center of the valve disk center and an upper face supporting an inner wall of the valve cone, each end face forming a separate wall portion, the wall portions together gripping an outer circumference of the valve stem, the region of greater diameter of the valve cone engaging in the recess of the valve disk, the valve cone being welded together with the valve stem and being welded together with the valve disk in the recess;

wherein a height of each of the reinforcing ribs increases in a direction toward a center of the valve disk and a width of each of the reinforcing ribs decreases in the direction toward the center of the valve disk.

Claims 37 to 39 (canceled).